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|  |                          |            |
|--|--------------------------|------------|
| <b>DECLARATION FOR UTILITY OR DESIGN<br/>PATENT APPLICATION<br/>(37 CFR 1.63)</b><br><br><input type="checkbox"/> Declaration Submitted with Initial Filing      OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required) | Attorney Dock Number     | 010404     |
|  | First Named Inventor     | ZIMMEL     |
|  | <b>COMPLETE IF KNOWN</b> |            |
|  | Application Number       | 09/905,748 |
|  | Filing Date              | 7/14/01    |
|  | Group Art Unit           | 2152       |
| Examiner Name  |                          |            |

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

APPARATUS AND METHOD FOR OPTIMIZING TELECOMMUNICATION  
NETWORK DESIGN USING WEIGHTED SPAN CLASSIFICATION  
FOR LOW DEGREE OF SEPARATION DEMANDS

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 7/14/01 as United States Application Number or PCT International

Application Number 09/905,748 and was amended on (MM/DD/YYYY) (if applicable).

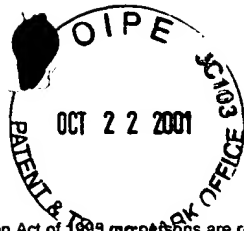
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed     | Certified Copy Attached? |                          |
|-------------------------------------|---------|----------------------------------|--------------------------|--------------------------|--------------------------|
|                                     |         |                                  |                          | YES                      | NO                       |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:



PTO/SB/01 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☐ Customer Number or Bar Code Label  OR ☒ Correspondence address below.

Name **RUDOLF O. SIEGESMUND**

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) **SHERI L.**

Family Name  
or Surname **ZIMMEL**

Inventor's  
Signature

Date

Residence: City **RICHARDSON**

State **TX**

Country **USA**

Citizenship **USA**

Mailing Address **573 GOODWIN DRIVE**

City **RICHARDSON**

State **TX**

ZIP **75081**

Country **USA**

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) **KRISTOPHER E.**

Family Name  
or Surname **GLOVER**

Inventor's  
Signature

Date

Residence: City **RICHARDSON**

State **TX**

Country **USA**

Citizenship **USA**

Mailing Address **2801 SANDY TR.**

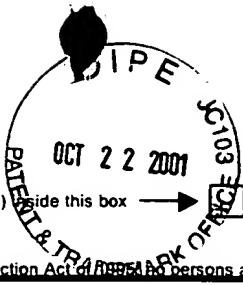
City **RICHARDSON**

State **TX**

ZIP **75080**

Country **USA**

☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Express Mail Label: 

Please type a plus sign (+) inside this box →

PTO/SB/02A (11-00)

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**DECLARATION****ADDITIONAL INVENTOR(S)****Supplemental Sheet**Page 1 of 1

|   |            |   |        |
|---|------------|---|--------|
| <b>Name of Additional Joint Inventor, if any:</b> |            | <input type="checkbox"/> A petition has been filed for this unsigned inventor |        |
| Given Name (first and middle [if any])            |            | Family Name or Surname  |        |
| Anna A.   |            | Maravina  |        |
| Inventor's Signature                              |            | Date  |        |
| Residence: City                                   | Richardson | State   | TX     |
| Country   | USA        | Citizenship   | Russia |
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| Mailing Address                                   |            |   |        |
| City  | Richardson | State   | TX     |
| ZIP   | 75082      | Country   | USA    |
| <b>Name of Additional Joint Inventor, if any:</b> |            | <input type="checkbox"/> A petition has been filed for this unsigned inventor |        |
| Given Name (first and middle [if any])            |            | Family Name or Surname  |        |
| Mark W.   |            | Lewis   |        |
| Inventor's Signature <i>Mark W. Lewis</i>         |            | Date <i>16 Jul 2001</i>   |        |
| Residence: City                                   | Oxford     | State   | MS     |
| Country   | USA        | Citizenship   | USA    |
| Mailing Address 737 Shady Oaks Circle             |            |   |        |
| Mailing Address                                   |            |   |        |
| City  | Oxford     | State   | MS     |
| ZIP   | 38655      | Country   | USA    |
| <b>Name of Additional Joint Inventor, if any:</b> |            | <input type="checkbox"/> A petition has been filed for this unsigned inventor |        |
| Given Name (first and middle [if any])            |            | Family Name or Surname  |        |
|   |            |   |        |
| Inventor's Signature                              |            | Date  |        |
| Residence: City                                   |            | State   |        |
| Country   |            | Citizenship   |        |
| Mailing Address                                   |            |   |        |
| Mailing Address                                   |            |   |        |
| City  |            | State   |        |
| ZIP   |            | Country   |        |

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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PTO/SB/81 (10-00)

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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

|                        |                 |
|------------------------|-----------------|
| Application Number     |                 |
| Filing Date            |                 |
| First Named Inventor   | Sheri L. Zimmer |
| Group Art Unit         |                 |
| Examiner Name          |                 |
| Attorney Docket Number | 010404          |

I hereby appoint:

☐ Practitioners at Customer Number

☒ Practitioner(s) named below:

Place Customer  
Number Bar Code  
Label here

| Name                 | Registration Number |
|----------------------|---------------------|
| Rudolf O. Siegesmund | 37,720              |
| Robert H. Frantz     | 42,553              |
|                      |                     |
|                      |                     |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

|   |                                       |       |              |     |       |
|---|---------------------------------------|-------|--------------|-----|-------|
| <input checked="" type="checkbox"/> Firm or Individual Name | Rudolf O. Siegesmund, Reg. No. 37,720 |       |              |     |       |
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| Address   |                                       |       |              |     |       |
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| Country   | U.S.A.                                |       |              |     |       |
| Telephone   | 214-528-2407                          | Fax   | 214-528-2434 |     |       |

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

|           |               |
|-----------|---------------|
| Name      | Mark W. Lewis |
| Signature |               |
| Date      | 16 Jul 2001   |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.